INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/34761

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01N 33/48; A61K 39/00, 39/395, 39/38; C12N 5/02, 5/00, 5/08; A01N 65/00, 63/00 US CL : 436/64; 435/325, 372, 372.3, 374, 375, 377, 384, 385, 368; 424/140.1, 184.1 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 436/64; 435/325, 372, 372.3, 374, 375, 377, 384, 385, 368; 424/140.1, 184.1		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) MEDLINE, WEST		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category * Citation of document, with indication, where a	opropriate, of the relevant passages	Relevant to claim No.
Y US PATENT APPLICATION PUBLICATION 2002 2002 (21.03.02), sections 0007, 0008 and entire app	US PATENT APPLICATION PUBLICATION 2002/0034819 A1 (SMITH et al) 21 March 2002 (21.03.02), sections 0007, 0008 and entire application.	
	US 6,566,395 B1 (MORAN) 20 May 2003 (20.05.2003), see abstract, column 2, lines 47-50; bridging paragraph of columns 3 and 4, and entire document.	
Further documents are listed in the continuation of Box C.	See patent family annex.	·
Special categories of cited documents:	"T" later document published after the inte	mational filing date or priority
"A" document defining the general state of the art which is not considered to be of particular relevance	date and not in conflict with the applic principle or theory underlying the invo "X" document of particular relevance; the	ation but cited to understand the ention cannot be
"E" earlier application or patent published on or after the international filing date	considered novel or cannot be conside when the document is taken alone	red to involve an inventive step
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the considered to involve an inventive step combined with one or more other such	when the document is
"O" document referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in th	e art
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent	
Date of the actual completion of the international search	Date of mailing of the international sear	cn report
05 February 2005 (05.02.2005)	22 FEB 2005	10k
Name and mailing address of the ISA/US	Authorized officer	MMHOUL
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	Alana M. Harris, Ph.D.	LANA M. HARRIS, PH.D.
P.O. Box 1450 Alexandria, Virginia 22313-1450	Telephone No. 571-272-1600	PRIMARY EXAMINER
Facsimile No. (703) 305-3230		0,402,1002

Form PCT/ISA/210 (second sheet) (January 2004)

Della Collins for